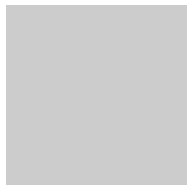


**WORLD  
RECEIVER**

**Yacht Boy 2000**



**GRUNDIG**

## CARE AND SAFETY

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### ENGLISH

This device is designed for the playback of audio signals. Any other use is expressly prohibited.

Prolonged use of the earphones can damage your hearing.

Make sure the device is protected from dripping or splashing water. Do not place any vessels such as vases on the device. These may be knocked over and spill fluid on the electrical components, thus presenting a safety risk. Do not place any naked flames such as candles on the device.

When deciding where to place the device, please note that furniture surfaces are covered by various types of varnish and plastic, most of which contain chemical additives. These additives may cause corrosion to the feet of the unit and leave stains on the surface of the furniture which could be difficult or impossible to remove.

Do not use any cleaning agents as they may damage the housing. Clean the device with a clean, damp leather cloth.

Never open the device casing. No warranty claims are accepted for damage caused by incorrect handling.

The type plate is located on the back of the device.

#### **Environmental note:**

Batteries, including those which contain no heavy metals, may not be disposed of with household waste. Please dispose of used batteries in an environmentally sound manner. Find out about the legal regulations which apply in your area.

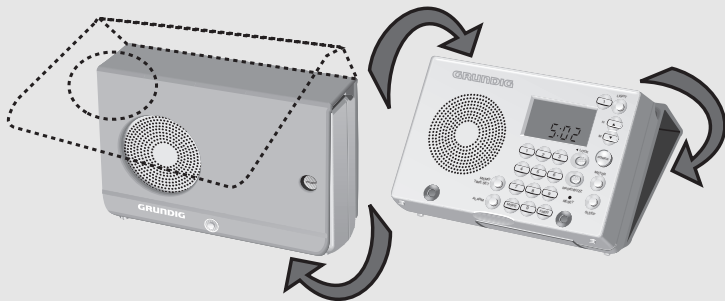
## OVERVIEW

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### Special features

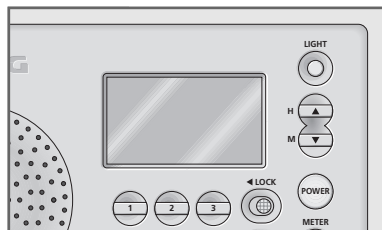
Your Yacht Boy 2000 is supplied with a leather cover which protects the device and lets you use it in a tilted position. On the back of the device there are four buttons for securing the leather cover.

Fold the leather cover back as you can see in the picture. Now you can use the device in a tilted position.



# OVERVIEW

## Controls



### Front POWER

H ▲

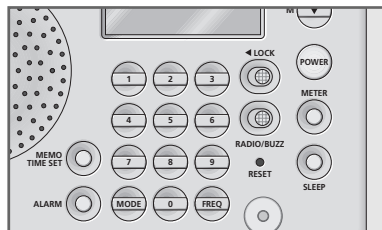
Switches the device on and off.

For setting the clock and alarm time (hours).  
In radio mode: changes the frequency up in stages, starts an automatic forwards station search.

M ▼

For setting the clock and alarm time (minutes).

In radio mode: changes the frequency down in stages, starts an automatic reverse station search.



### LIGHT

Switches the backlight display on for approx. twelve seconds.

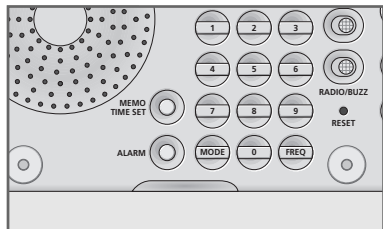
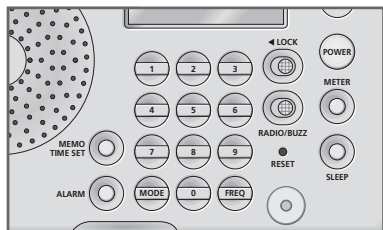
### METER

Selects the frequency in the short wave bands.

### SLEEP

Activates the sleep timer.

# OVERVIEW



## ◀ LOCK

Activates and deactivates the key lock.

## RADIO/BUZZ

Switches the alarm signal between radio stations and the signal tone.

## RESET

Returns the device to its original setting. All settings will be deleted.

## FREQ

Activates and confirms the numerical entry of the frequency.

## 1 ... 0

Numerical keys for entering the frequency. Stores radio stations. Select presets.

## MODE

Switches the display between the local time, dual time and the alarm time.

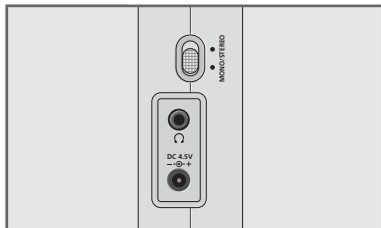
## ALARM

Activates and deactivates the alarm.

## MEMO TIME SET

Activates the memory function for radio stations. Activates the time setting.

# OVERVIEW



## Left side of device

**DC 4,5V**



Socket for mains plug (not supplied),  
input voltage 4.5 V (200 mA).



Socket for earphones (3.5 mm stereo jack).

**MONO/STEREO**

Switches between stereo and mono reception in earphone mode.

## Top of device

**VOLUME**

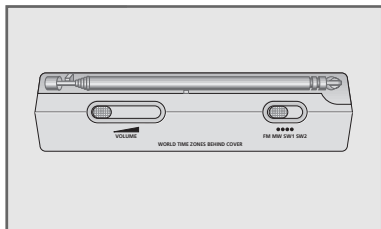
Adjusts the volume.

**FM MW  
SW1 SW2**

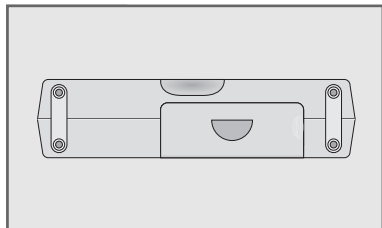
Switches between FM (VHF), MW (medium wave) and SW (short wave 1 and 2), frequency bands.

**Telescopic**

Antenna for SW and FM reception.  
The radio has a built-in rod antenna for MW reception.



# OVERVIEW



## Bottom of device

### Batteries

Battery compartment (3 x 1.5 V, AA type batteries).

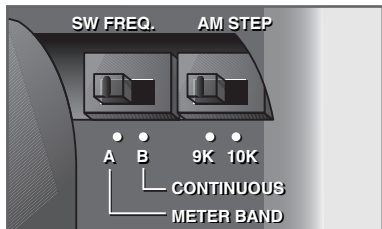
### SW FREQ.

A      B

Switches between frequencies in SW and selects frequencies in the wavelength gaps (in the battery compartment).

### AM STEP 9kHz 10kHz





Switches between MW fine tuning in 9 kHz and 10 kHz steps (in the battery compartment).



# OVERVIEW

## Displays



- 88:8.85** Shows the current time and the frequency.
- FM MW SW1 SW2** Shows the waveband FM (VHF), medium wave (MW) or short wave (SW).
- MHz kHz** Frequency display for FM, SW (MHz) and MW (kHz).
-  A stereo FM station is being received.
-  The radio alarm function is activated.
-  The signal alarm function is activated.
- LOCK** The key lock is activated.
- HOME** The local time at home is displayed.
- DUAL** The dual time is displayed.
-  Lights up when a radio station is tuned in properly.
- ALARM** The alarm function is activated.



# OVERVIEW

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## SLEEP

The sleep timer is activated.



The batteries are low.

## MEMO

A station is being stored.

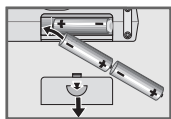
8

Displays the preset number (stored radio station).

# POWER SUPPLY


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## Battery operation



- 1 To open the battery compartment, press the marking and open the lid.
- 2 When inserting the batteries (3 x 1.5 V, AA type batteries), observe the polarity marked in the compartment.


### Notes:

When the batteries are low, »« appears in the display. Take out the batteries when you know that the device will not be used for a long period of time. Change the batteries within two minutes so that the memory content is saved.

The manufacturer accepts no liability for damage caused by leaking batteries.

## Mains operation (with power supply unit 4.5 V/200 mA)

Check if the power supply unit on the type plate corresponds to your local mains supply. The only way to disconnect the device from the mains is to unplug the power supply unit.

- 1 Plug the power supply unit into the »**DC 4,5 V**  « socket on the left of the device.
- 2 Plug the power supply unit into the wall socket.
  - The batteries in the compartment are switched off.

# SETTINGS

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## Setting the time

The earth spins round on its axis once every 24 hours, and around the sun once a year. This movement determines global time differences and seasons. Because of the earth's rotation, it is always earlier in the day to the west of you and later in the day to the east of you. The earth is divided into 24 hourly time zones. This system is based on a standard time zone called UTC (Coordinated Universal Time), previously known as GMT (Greenwich Mean Time). Short-wave radio stations always announce the time in UTC.

To find out which time-zone you are in, have a look at the map of the world on the back of the device.

### Setting your own local time (Home)

When you first switch on the device, or if it has been without a power supply for a lengthy period, »0:00« appears in the display to indicate that the clock has to be set.

- 1 Keep pressing »**MODE**« until »**HOME**« appears in the display.
- 2 Press »**MEMO TIME SET**«.  
– Display: the hours and minutes flash.
- 3 Press »**H ▲**« repeatedly to set the hours step-by-step or hold down to run through quickly.

## SETTINGS

---

- 4 Press »**M** ▼« repeatedly to set the minutes step-by-step or hold down to run through quickly.
- 5 To store the setting, press »**MEMO TIME SET**«.

### Switching between your local time and dual time

- 1 Keep pressing »**MODE**« until the dual time appears in the display and »**DUAL**« flashes.
- 2 Press »**MEMO TIME SET**«.  
– Display: dual time and »**DUAL**« continuously.
- 3 Keep pressing »**MODE**« until your own local time appears in the display and »**HOME**« flashes.
- 4 Press »**MEMO TIME SET**«.  
– Display: your own local time and »**HOME**« continuously.

### Setting the dual time

If you are on a trip, for example in Hong Kong, you can set the local time there without having to change your local time at home.

- 1 Switch the device to dual time.

## SETTINGS

---

- 2 Press »**MEMO TIME SET**«.  
– Display: the hours and minutes flash.
- 3 Press »**H ▲**« repeatedly to set the hours step-by-step or hold down to run through quickly.
- 4 Press »**M ▼**« repeatedly to set the minutes step-by-step or hold down to run through quickly.
- 5 To store the setting, press »**MEMO TIME SET**«.

### Setting the alarm time

- 1 Keep pressing »**MODE**« until »**ALARM**« appears in the display.
- 2 Press »**MEMO TIME SET**«. – Display: the hours and minutes flash.
- 3 Press »**H ▲**« repeatedly to set the hours step-by-step or hold down to run through quickly.
- 4 Press »**M ▼**« repeatedly to set the minutes step-by-step or hold down to run through quickly.
- 5 To store the setting, press »**MEMO TIME SET**«.

# SETTINGS

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## Tuning to radio stations

There are three ways to tune into stations: automatically – with the station search, manually – with a step-by-step search through the frequencies, directly - by entering the frequency number.

- 1 Press »**POWER**« to switch on the device.
- 2 Press »**FM MW SW1 SW2**« to set the waveband.

**Note:**

If you have set short wave, select the band you want (see the table on page 26). Press »**METER**« repeatedly.

### Automatically

- 1 Keep pressing »**H ▲**« or »**M ▼**« until the frequency switches to rapid run-through.  
– The search stops when a station with good reception is found.

# SETTINGS

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## Manually

- 1 Keep pressing »H ▲« or »M ▼« until the frequency switches to rapid run-through.
- 2 When you have nearly reached the frequency you want, briefly press the opposite key (»M ▼« or »H ▲«).
  - The search stops.
- 3 Press »H ▲« or »M ▼« briefly several times to set the frequency step-by-step.

## Directly

- 1 Press »FREQ« briefly.
  - Display: the frequency disappears.
- 2 Enter the frequency with the number buttons »1 ... 0«.
- 3 Press »FREQ« to confirm your entry.
  - The device then switches to the frequency.

# SETTINGS

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## Storing radio stations

You can store a total of thirty-six radio stations as presets, nine for each wave band (FM, MW, SW1 and SW2).

- 1 Press »**FM MW SW1 SW2**« to set the waveband.
- 2 Tune in to the station you want.
- 3 Press »**MEMO TIME SET**« briefly.  
– Display: »**MEMO**« flashes.
- 4 Select the preset using the number buttons »**1 ... 0**«.
- 5 Save the station using »**MEMO TIME SET**«.  
– Display: »**MEMO**« disappears, the number of the preset appears e.g. »3«.



# SETTINGS

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## Switching to SW frequency tuning

This function lets you tune into the SW frequencies between wave bands and off the wave bands.

- 1 Move the »**SW FREQ. A B**« (in battery compartment) switch to the »**A**« position.
  - Only stations with frequencies within the wave band can be received.
- 2 Move the »**SW FREQ. A B**« (in battery compartment) switch to the »**B**« position.
  - Stations with frequencies in the gaps of the wave band can also be received.

## Switching to MW fine tuning

The distance between neighbouring stations on MW range is standardised worldwide. However, North and South America use a different standard to other countries.

- 1 Move the »**AM STEP 9kHz 10kHz**« (in battery compartment) switch to the »**9kHz**« position.
  - MW fine tuning is done in 9 kHz stages (except in North and South America).
- 2 Move the »**AM STEP 9kHz 10kHz**« (in battery compartment) switch to the »**10kHz**« position.
  - MW fine tuning is done in 10 kHz stages (in North and South America).

# OPERATION

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## Switching on and off


- 1 Press »**POWER**« to switch on the device.
  - The device switches on with the radio station last selected.
- 2 Press »**POWER**« to switch off the device.

## Radio mode


- 1 Press »**FM MW SW1 SW2**« (top of the device) to set the waveband.
- 2 Use »**1 ... 0**« to select the radio station.

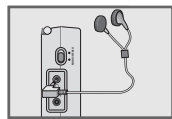
### Notes:

For FM reception pull out the telescopic antenna and tilt it until you receive the best signal. For short wave reception (SW) the antenna should be upright. For medium wave reception (MW), align the antenna by turning the device.

- 3 Press »  **VOLUME**« on the top of the device to adjust the volume.

## Listening with earphones

- 1 Insert the earphone plug (3.5 mm, stereo) into the »« jack on the left of the device.
  - The loudspeaker of the device is automatically switched off.



## OPERATION

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### **Stereo/mono reception (with earphones only)**

However, if the signal from the FM stereo station is weak, you can improve the sound quality by switching to mono reception.


- 1 Press »**MONO/STEREO**« on the left of the device to switch to mono.  
– Display: »**∞**« disappears.
- 2 Press »**MONO/STEREO**« on the left of the device to switch to stereo.  
– Display: »**∞**«, if a stereo station is being received.

### **Alarm mode**

#### **Viewing the alarm time**

- 1 Keep pressing »**MODE**« until »**ALARM**« appears in the display.  
– Display: the set alarm time.

#### **Alarm with radio station**

- 1 Press »**POWER**« to switch on the device.
- 2 Press »**FM MW SW1 SW2**« on top of the device to set the waveband.
- 3 Tune in to the station you want.
- 4 Press »  **VOLUME**« on top of the device to adjust the alarm volume.

## OPERATION

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- 5 Set the station for the alarm (»🎵«) by pressing »**RADIO/BUZZ**«.
- 6 Press »**POWER**« to switch off the device.
  - The device wakes you up at the set time with the radio station (alarm duration is one hour).

### Alarm with signal tone

- 1 Set the signal tone (»🔊«) by pressing »**RADIO/BUZZ**«.
  - The device wakes you up at the set time with the signal tone (alarm duration is one hour).

### Cancelling the alarm for the day

- 1 Press »**POWER**« while the alarm is sounding.
  - The alarm signal (radio station or signal tone) stops.
  - The alarm retains the set time for the next day.

### Activating and deactivating the alarm

- 1 To switch off the alarm, press »**ALARM**«.
  - Display: »**ALARM**« and the alarm signal disappears.
- 2 To switch on the alarm, press »**ALARM**«.
  - Display: »**ALARM**« and the alarm signal.

#### Note:

The device always wakes you up with at the time shown in the display.

# OPERATION

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## Timer mode

The device has a sleep timer, which switches it off in radio mode at a preset time. You can set the switch-off time in one minute steps between ten and ninety minutes.

### Switching on the sleep timer

- 1 With the radio playing, press »**SLEEP**«.
  - Display: »**SLEEP**« and the switch-off time »50«.
- 2 Press »**H** ▲« or »**M** ▼« repeatedly to set the switch-off time step-by-step or hold down to run through quickly.
  - After the selected switch-off time has elapsed, the device switches off automatically.

### Switching off the sleep timer

- 1 To switch off the sleep timer early, briefly press »**POWER**«.
  - Display: »**SLEEP**« disappears.
  - The device remains switched on.

# OPERATION

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## General information

### Key lock

- 1 Press »**◀ LOCK**« to disable the buttons in the direction of the arrow.
  - Display: »**LOCK**«.
  - The volume control, stereo/mono switch and frequency band selector are not disabled.
- 2 To unlock the keys, push back »**◀ LOCK**«.
  - Display: »**LOCK**« disappears.

### Display lighting

- 1 Select the display lighting by pressing »**LIGHT**« for about twelve seconds.
- 2 To switch off the display lighting, press »**LIGHT**«.

### Resetting the device

- 1 Press »**RESET**« (e.g. with a paper clip) to restore the device to its original setting.
  - All saved settings are deleted.

## INFORMATION

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### Short wave

Your radio is able to receive numerous wavebands. Tuning into FM and MW stations will soon become much easier as the stations will always be in the same place on the tuning scale and linked to a particular wave length and frequency.

Unfortunately, this is not always the case with short wave stations. Short wave transmissions have to change their wavelengths very often because of atmospheric interference. Most short wave bands are available all over the world and can be used by international broadcasters. At present these are the only wavelengths which provide listeners with direct reception over long distances. For this reason, short wave frequencies are not only used by radio stations, but also by other users such as amateur radio enthusiasts, shipping, aircraft and radio navigation systems.

Listening to short wave radio stations means you have to be well informed about all the frequencies and wavelengths. Many short wave stations will send you broadcasting schedules which give you the information you need. You can also download the information from the Internet.

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[www.dw-world.de](http://www.dw-world.de)

## INFORMATION

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**Table for stations in short wave bands**

<b>SW1 (MHz)</b>	2.30 - 7.40 int	<b>SW2 (MHz)</b>	9.40 - 26.10 int
<b>SW M-Band (MHz)</b>	2.30 - 2.55 (120 m)	<b>SW M-Band (MHz)</b>	9.40 - 10.05 (31 m)
	3.15 - 3.45 (90 m)		11.50 - 12.20 (25 m)
	3.85 - 4.05 (75 m)		13.50 - 13.90 (22 m)
	4.70 - 5.15 (60 m)		14.95 - 15.70 (19 m)
	5.75 - 6.30 (49 m)		17.40 - 18.00 (16 m)
	7.05 - 7.40 (41 m)		21.30 - 21.95 (13 m)
			25.60 - 26.10 (11 m)



## INFORMATION

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### Environmental note



This product has been made from high-quality parts and materials which can be re-used and recycled. Therefore, do not throw the product away with normal household waste at the end of its life. Take it to a collection point for recycling electrical and electronic devices. This is indicated by this symbol on the product, in the operating manual and on the packaging.

Please find out about collection points operated by your local authority.

Help protect the environment by recycling used products.

### Technical data



This device is noise-suppressed according to the applicable EU directives.

This product fulfils the European directives 89/336/EEC, 73/23/EEC and 93/68/EEC.

This device conforms to the safety regulation DIN EN 60065 (VDE 0860) and therefore the international safety regulation IEC 60065.

Technical and design modifications reserved.

# INFORMATION

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## Power supply

Battery operation

3 x 1.5 V batteries (AA type)

Mains operation

4.5 V (200 mA) with power supply unit, voltage

## Output

250 mW

## Antennas

Telescopic antenna

FM (VHF) and SW (short wave)

Ferrite rod antenna

MW (medium wave)

## Frequency bands

FM (VHF)

87.5 ... 108 MHz

MW (medium wave)

522 ... 1620 kHz

SW 1 (short wave)

2.3 ... 7.4 MHz

SW 2(short wave)

9.4 ... 26.1 MHz

## Sockets

DC socket

5.5 mm, 4.5 V (200 mA)

Earphone jack

3.5 mm stereo, 2 x 32  $\Omega$  impedance

## Dimensions and weight

142 mm x 92 mm x 35 mm (W x H x D); 330 g

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